

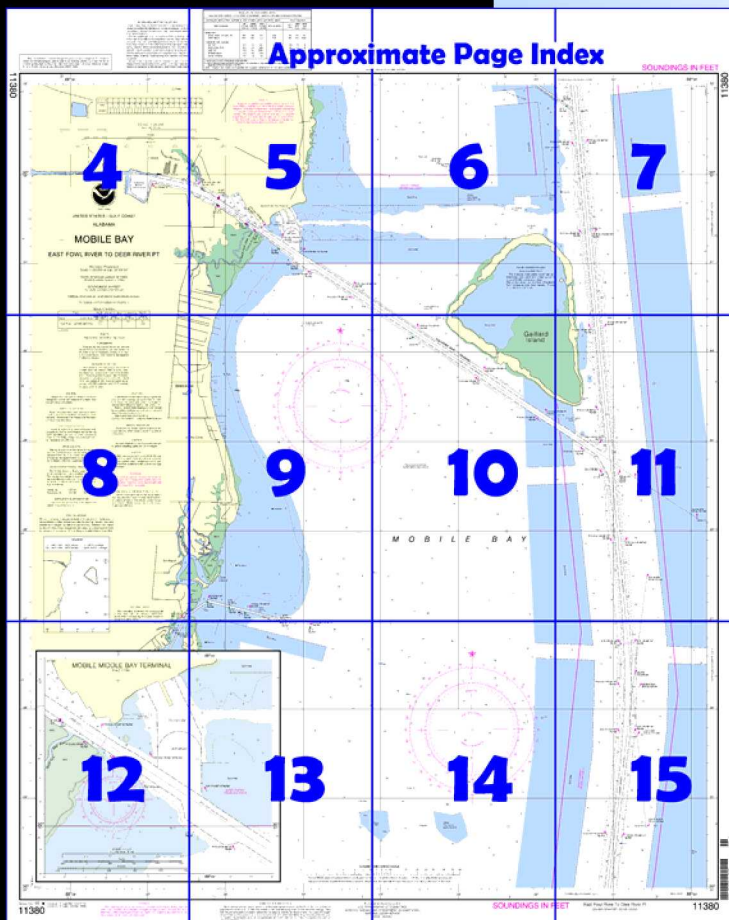
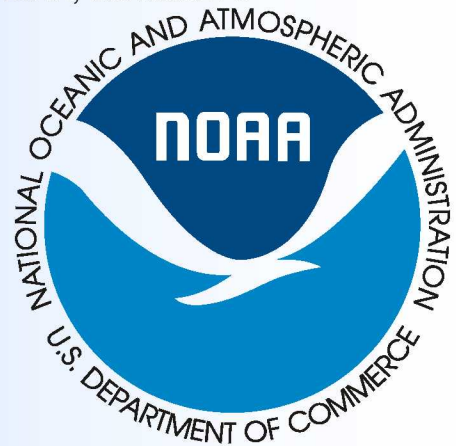
BookletChartTM

Mobile Bay – East Fowl River to Deer River Point (NOAA Chart 11380)

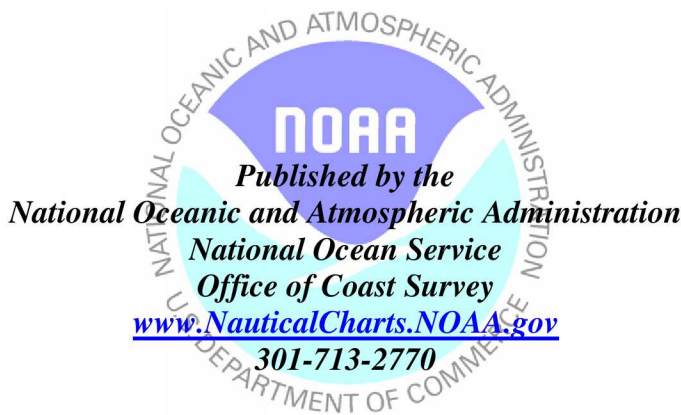


A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ✓ Complete, reduced scale nautical chart
- ✓ Print at home for free
- ✓ Convenient size
- ✓ Up to date with all Notices to Mariners
- ✓ United States Coast Pilot excerpts
- ✓ Compiled by NOAA, the nation's chartmaker.



Home Edition (not for sale)



What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

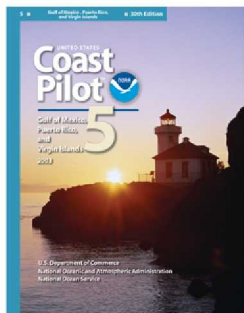
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 5, Chapter 7 excerpts]

(19) The Coast Guard advises vessels exercise particular caution where the channel intersects the Intracoastal Waterway, about 3 miles above Mobile Point at Lighted Buoys 25 and 26. Situations resulting in collisions, groundings, and close quarters passing have been reported by both shallow and deep-draft vessels. The Coast Guard has requested vessels make a SECURITE call on VHF-FM channel 13 prior to crossing the Intracoastal Waterway, particularly during periods of

restricted visibility.

(31) The tides are chiefly diurnal and the rise and fall is very small, averaging 1.2 feet at Mobile Point and 1.5 feet at Mobile. During the winter, northers may depress the water surface as much as 1.5 feet below mean low water, while hurricanes have been known to raise the level as much as 11.5 feet. (See the Tide Tables for daily predictions.) (32) In this

area strong winds have considerable effect in modifying the times and velocities of the current; in using the tables, allowance should be made for such effects. (See the Tidal Current Tables for daily predictions of current in Mobile Bay entrance and other locations in Mobile Bay.) (35) The climate of Mobile Bay is influenced by the waters of the N Gulf of Mexico and of the bay itself. While summers are warm, the heat is tempered by the ocean and bay breezes. Temperatures climb to 90°F or above on about 75 days each summer, compared to 80 days just a few miles inland. During winter, the waters help moderate the colder temperatures. Minimums fall below freezing on about 21 days each season, compared to 20 to 25 days, on average, inland. The annual average temperature at Mobile is 67.6°F with an average high of 77.4°F and an average low of 57.4°F. January is the coolest month with an average temperature of 50.9°F while July is the warmest month with an average temperature of 82.2°F. The warmest temperature on record is 104°F recorded in July 1952 while the coolest temperature on record is 3°F recorded in January 1985. Precipitation is moderate averaging about 66 inches in any given year. The wettest month is July averaging nearly eight inches and the driest month is October which averages about three inches. Thirty percent of the average annual rainfall occurs during the summer months of June, July, and August. Cold snaps usually last about 3 days, and occasionally they will bring some snow flurries. Overall, snowfall is light and averages less than one inch in any given year. The greatest 24-hour snowfall occurred in February 1973 when 3.6 inches accumulated. The winds behind these fronts sometimes blow for an extended period and are known as "northers". If they persist, they can lower the water in the bay and this can interfere with the deeper draft vessels bound through the dredged channel.

(36) In addition to these northers, strong winds and rough seas on the bay are generated by extratropical storms, thunderstorms, and tropical cyclones. While gale-force winds are infrequent, winds in the 17- to 33-knot range occur about 5 to 10 percent from November through May. March and April are often the windiest months. Thunderstorm winds are usually in the form of gusts and can reach 50 to 60 knots. Frontal thunderstorms, which are usually the most severe, can occur in any month and are most likely in spring. Air mass thunderstorms are most frequent in summer; during June, July, and August, thunderstorms are observed on about 10 to 17 days per month, often in the afternoon. The strongest winds are generated by hurricanes, except for those in a rare tornado. Hurricane winds have reached 175 knots along the N Gulf coast. (54) East Fowl River enters the W side of Mobile Bay about 13.8 miles N of the bay entrance. It extends generally SW. The entrance is marked by lights and daybeacons. In January 2008, the controlling depth was 5.4 feet (6.4 feet at midchannel) from the entrance in Mobile Bay to the head of the project about 1 mile above the mouth. Above this point, the reported controlling depth was 2 feet to West Fowl River in May 1982; local knowledge is advised. State Route 193 highway bridge, about 1.0 mile above the mouth of the river, has a fixed span with a clearance of 45 feet. An overhead power cable with a clearance of 47 feet crosses the channel connecting with West Fowl River at about 30°23'53"N., 88°08'39"W. A marina on the N side of East Fowl River just E of the bridge has berths with water and electricity, gasoline, diesel fuel, ice, a launching ramp, limited marine supplies, and a pump-out station. East Fowl River leads into West Fowl River, and thence into Fowl River Bay; these are discussed later in this chapter.

(55) Fowl River, the NW branch, joins East Fowl River about 2 miles above the mouth. It is navigable for about 3 miles by small craft with local knowledge. An overhead power cable with a reported clearance of 52 feet crosses Fowl River about 2.5 miles above the mouth in about 30°27.0'N., 88°08.4'W.

Table of Selected Chart Notes

Corrected through NM Oct. 01/05
Corrected through LNM Sep. 20/05

HEIGHTS

Heights in feet above Mean High Water.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

For Symbols and Abbreviations see Chart No. 1

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mobile, AL	KEC-61	162.55 MHz
Pensacola, FL	KEC-86	162.40 MHz

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.703" northward and 0.010" eastward to agree with this chart.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus:
○ (Accurate location) ◐ (Approximate location)

MINERAL DEVELOPMENT STRUCTURES

Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

PLANE COORDINATE GRID (based on NAD 1927)

The Alabama State plane coordinate grid, West Zone, is indicated on this chart by dashed ticks at 10,000 foot intervals thus:
This grid is shown on the Mobile Middle Bay Terminal inset at 2,000 foot intervals. The last three digits are omitted.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and National Geospatial-Intelligence Agency.

EAST FOWL RIVER

The controlling depth was 7 feet for a width of 100 feet from the entrance (30°26'58"N, 88°05'06"W) in Mobile Bay to a point located at (30°26'20"N, 88°07'09"W).

Aug 2009

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOTE D

Numerous oyster beds exist within the bay areas of this chart. Mariners should exercise extreme caution when navigating in and near the areas thus labeled in order to avoid damage to the beds.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, FL, and 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Mobile, AL. Refer to charted regulation section numbers.

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

Additional information can be obtained at nauticalcharts.noaa.gov.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

TIDAL INFORMATION

Place Name (LAT/LONG)	Height referred to datum of soundings (MLLW)			
	Mean High Water	Mean High Water	Mean Low Water	Extreme Low Water
Fowl River (30°26'N/86°07'W)	feet 1.5	feet ----	feet ----	feet -2.5

(Jul 2005)

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2009 SURVEYS TO OCT 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	DEPTH MLLW (FEET)
MOBILE BAY:						
LOWER BAY (TO LIGHT 50)	42.6A	44.4	41.5	8-9-09	400	13.3
UPPER BAY	41.5	43.0	41.8B	7-09	400	15.4
THEODORE SHIP CHANNEL:						
BAY CUT	37.9	39.8	39.0	6-09	400	5.3
ANCHORAGE AREA	40.0	40.0	40.0	6-09	300	0.2
LAND CUT	40.0	40.0	40.0B	6-09	300	1.7
TURNING BASIN	37.4	40.0	34.7	6-09	1400	0.3
BARGE CHANNEL	8.2	10.2	9.4	10-09	100	1.2
A. EXCEPT FOR SHOALING TO 41.5 IN THE BEND WIDENING AREA.						
B. EXCEPT FOR SHOALING IN BEND WIDENING AREA.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, <http://NauticalCharts.gov>, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or help@OceanGrafix.com.

MOBILE BAY AND RIVER CHANNEL				
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF				
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER				
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MOBILE BAY:				
LOWER BAY (TO LIGHT 50)	42.6A	44.4	41.5	
UPPER BAY	41.5	43.0	41.9B	
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BAY CUT	37.8	39.8	39.0	
ANCHORAGE AREA	40.0	40.0	40.0	
LAND CUT	40.0	40.0	40.0B	
TURNING BASIN	37.4	40.0	34.7	
BARGE CHANNEL	8.2	10.2	9.4	

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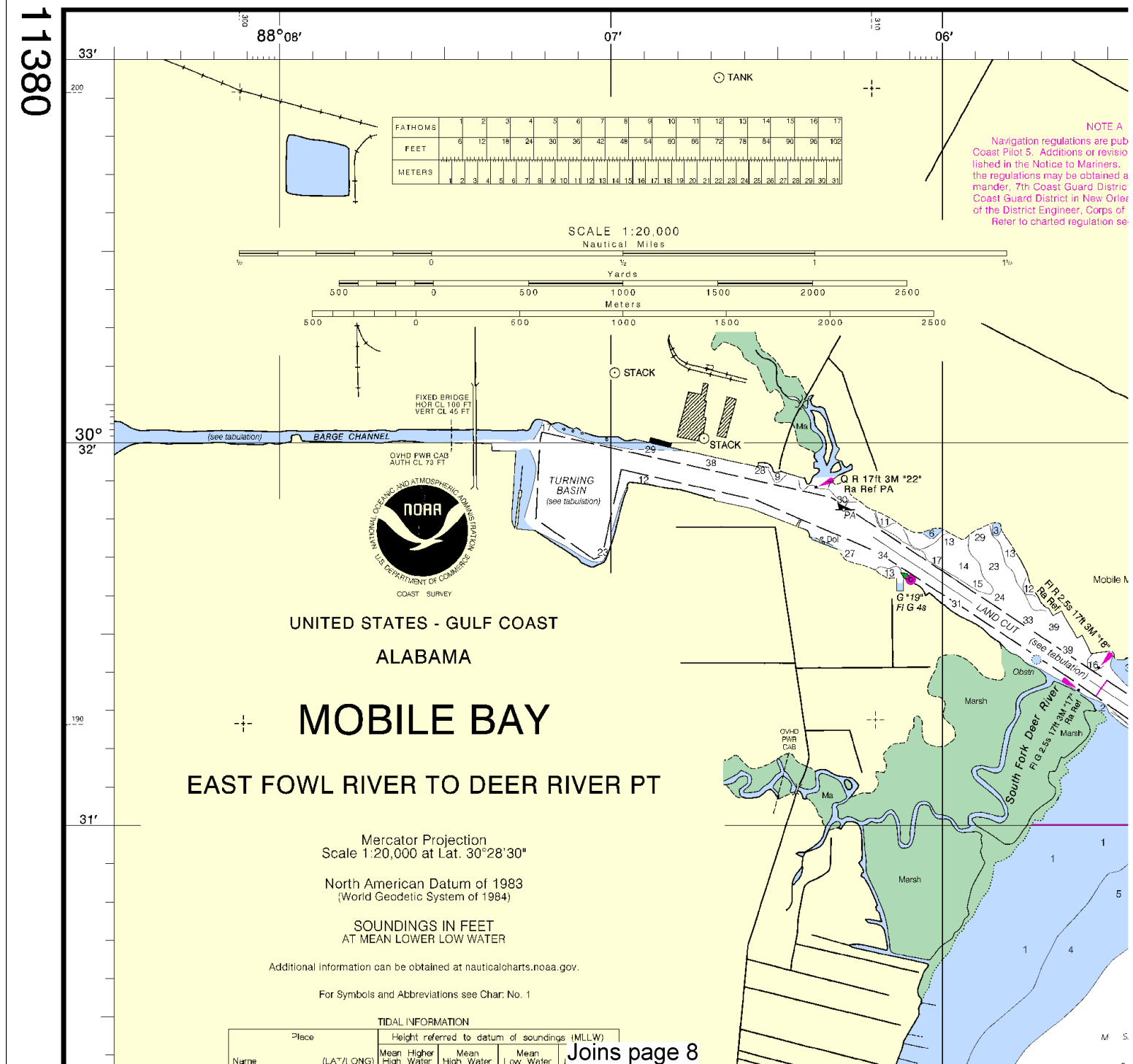
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FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

NOTE A

Navigation regulations are published in the Notice to Mariners. The regulations may be obtained a manner, 7th Coast Guard District Coast Guard District in New Orleans of the District Engineer, Corps of Refer to charted regulation se



11380



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Name	(LAT/LONG)	Mean High Water	Mean Low Water	Extreme Low Water
Fowl River	(30°26'N/88°07'W)	feet 1.5	feet ----	feet ----
				feet -2.5

(Jul 2005)

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and National Geospatial-Intelligence Agency.

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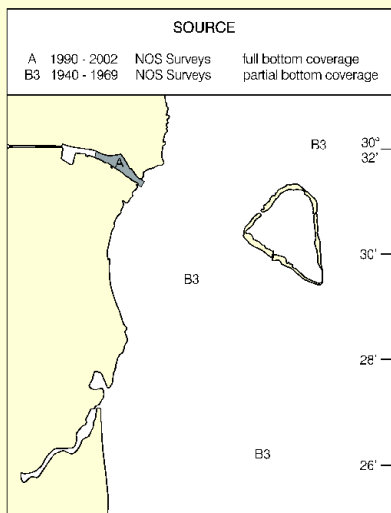
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SUPPLEMENTAL INFORMATION

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SOURCE DIAGRAM

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Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

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 ○ (Accurate location) ◐ (Approximate location)

AIDS TO NAVIGATION

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CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

NOTE D

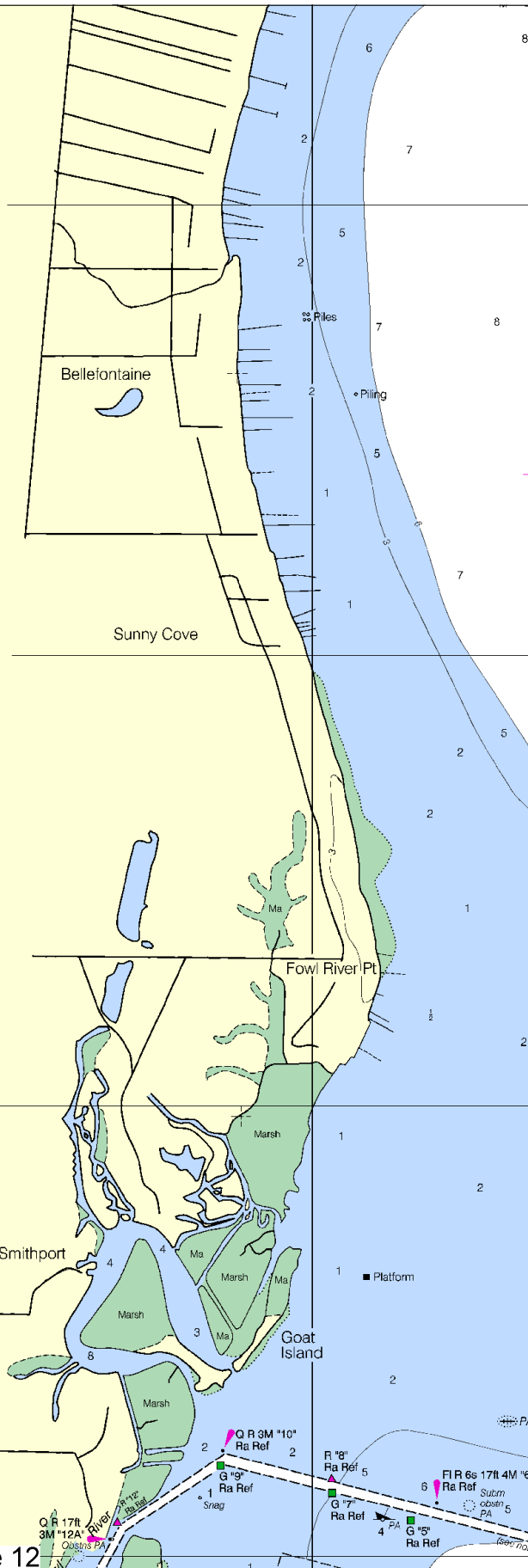
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WARNING

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MINERAL DEVELOPMENT STRUCTURES

Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).



EAST FOWL RIVER

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Joins page 12

Printed at reduced scale.

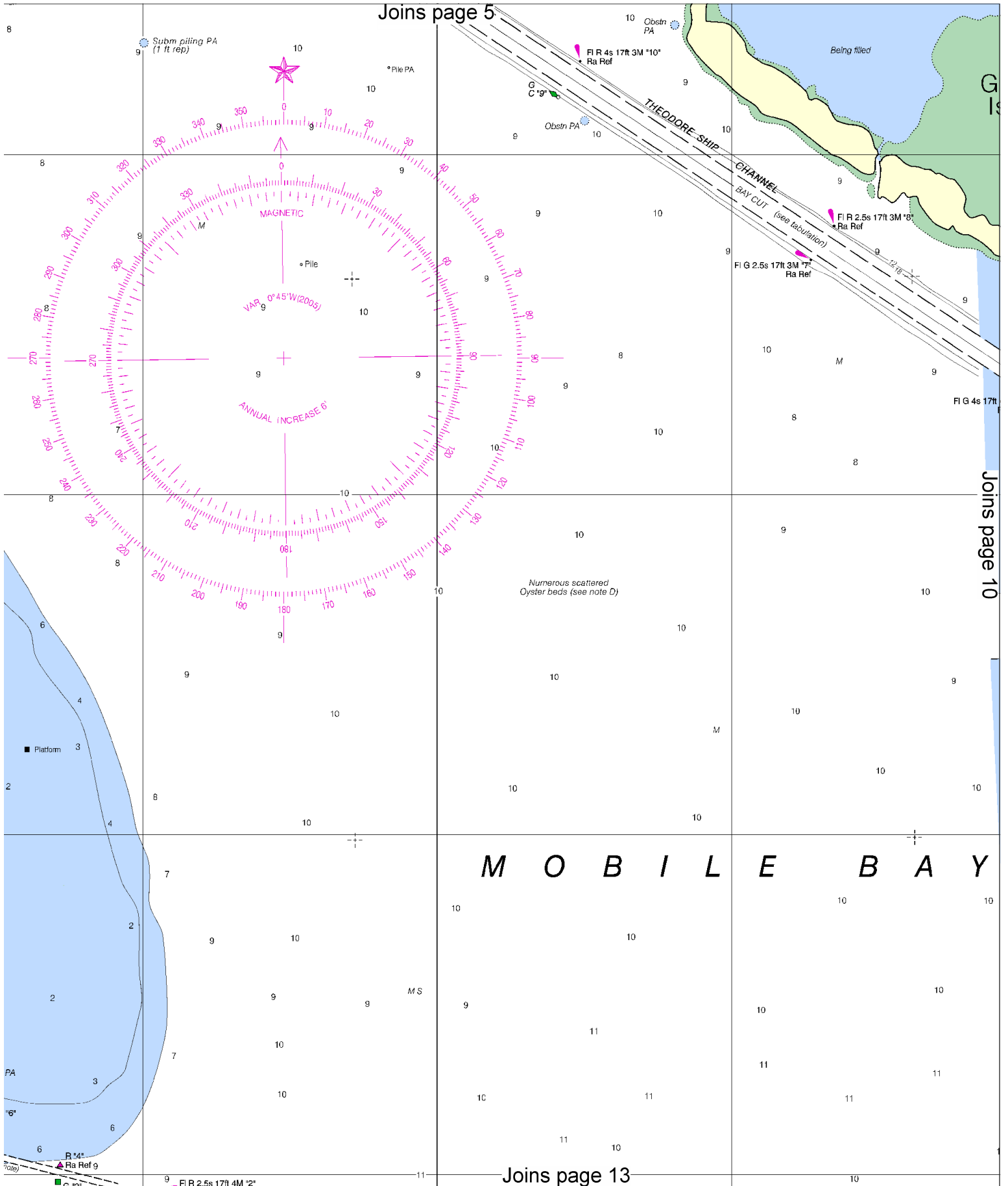
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Nautical Miles

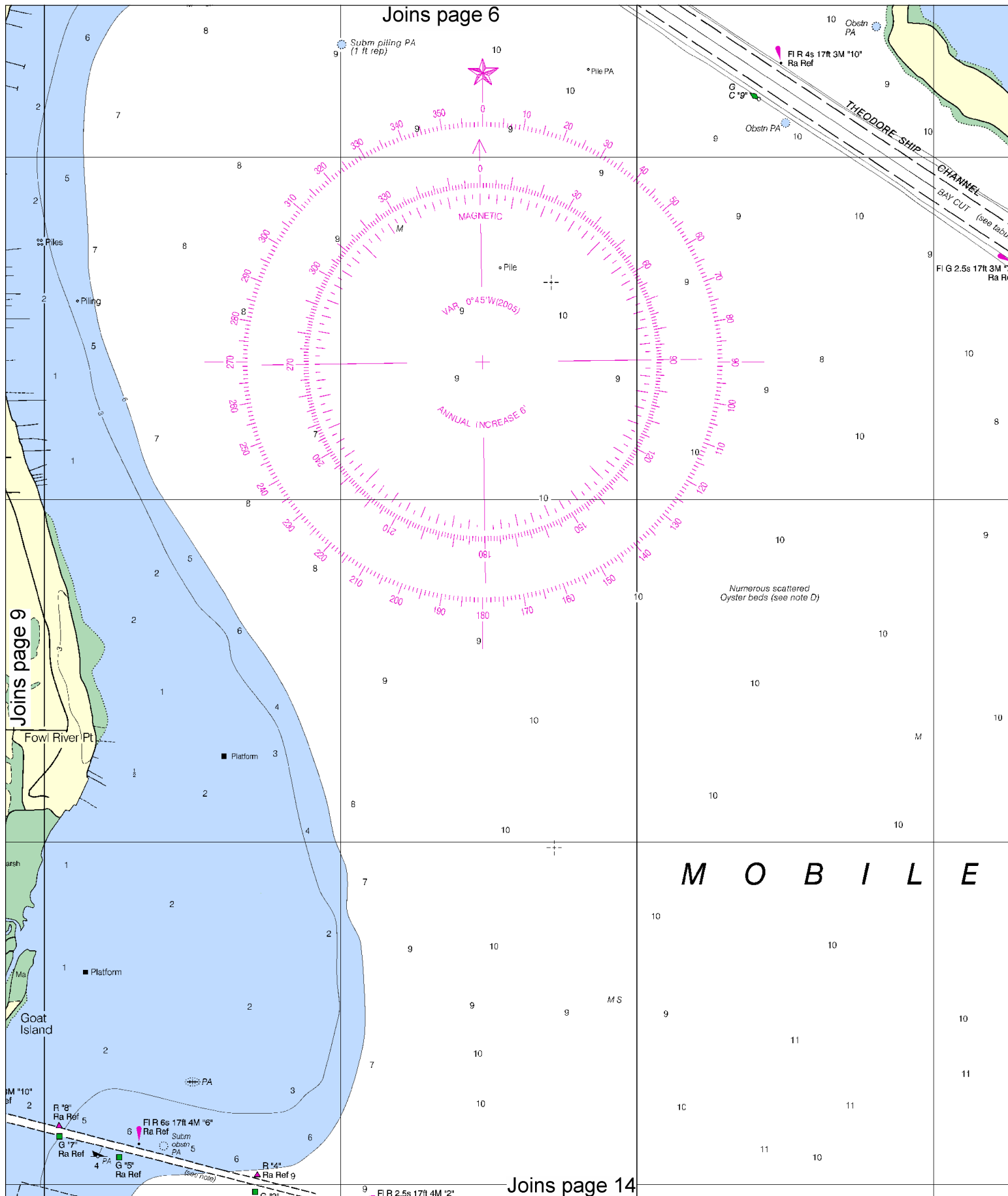
See Note on page 5.



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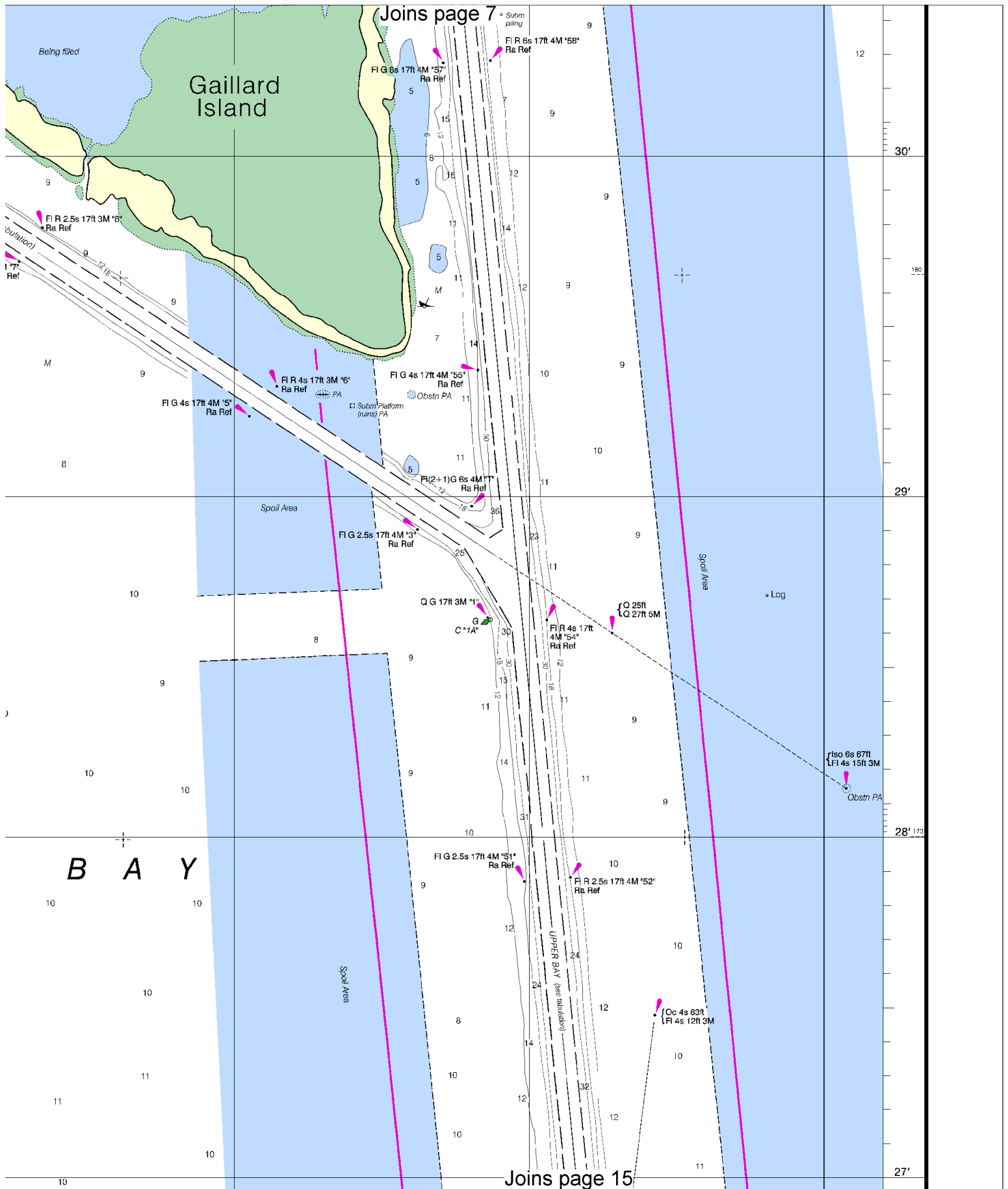


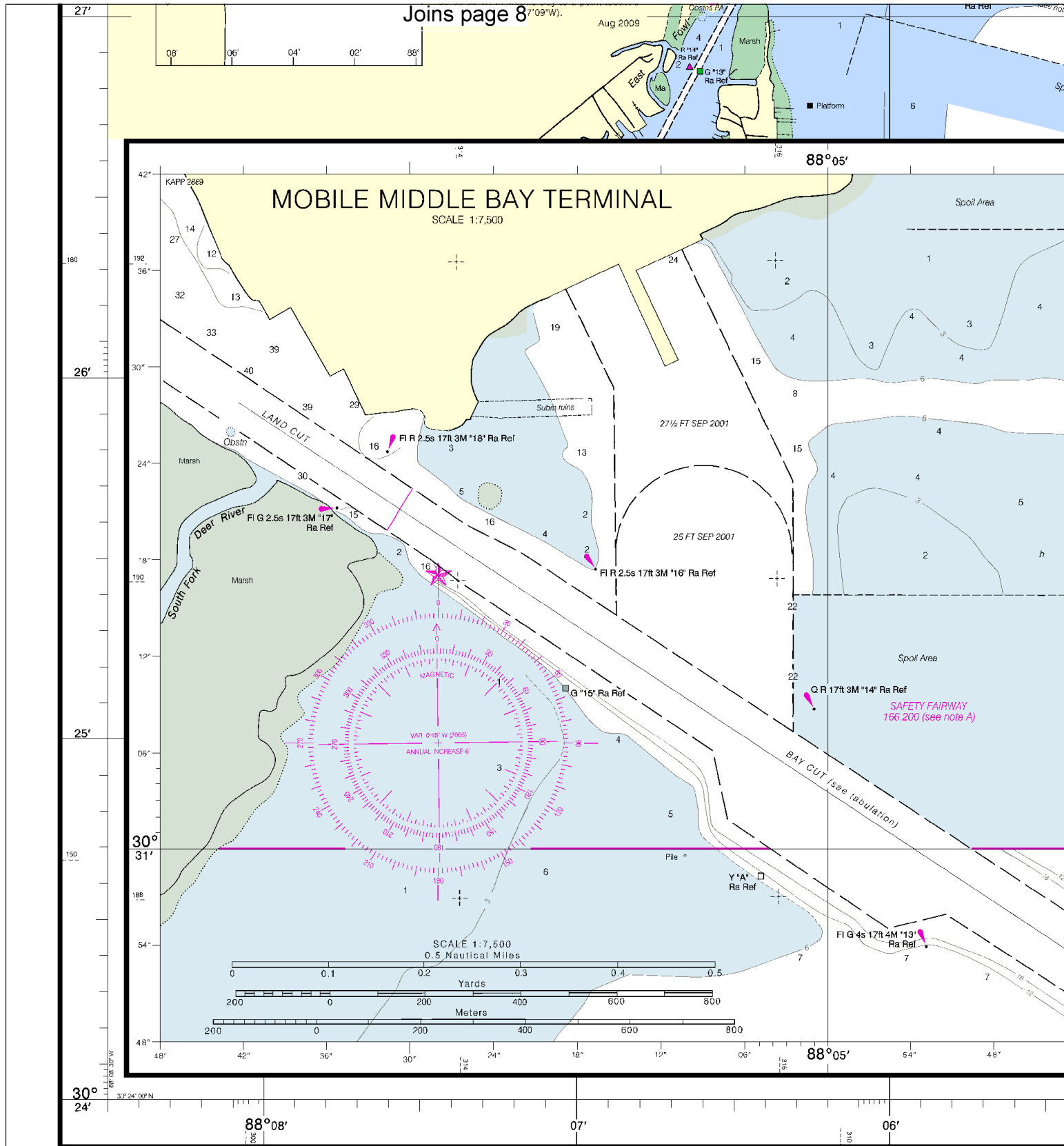
Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.







1st Ed., Oct. / 05 ■ Corrected through NM Oct. 01/05
Corrected through LNM Sep. 20/05

11380

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PRINT-O
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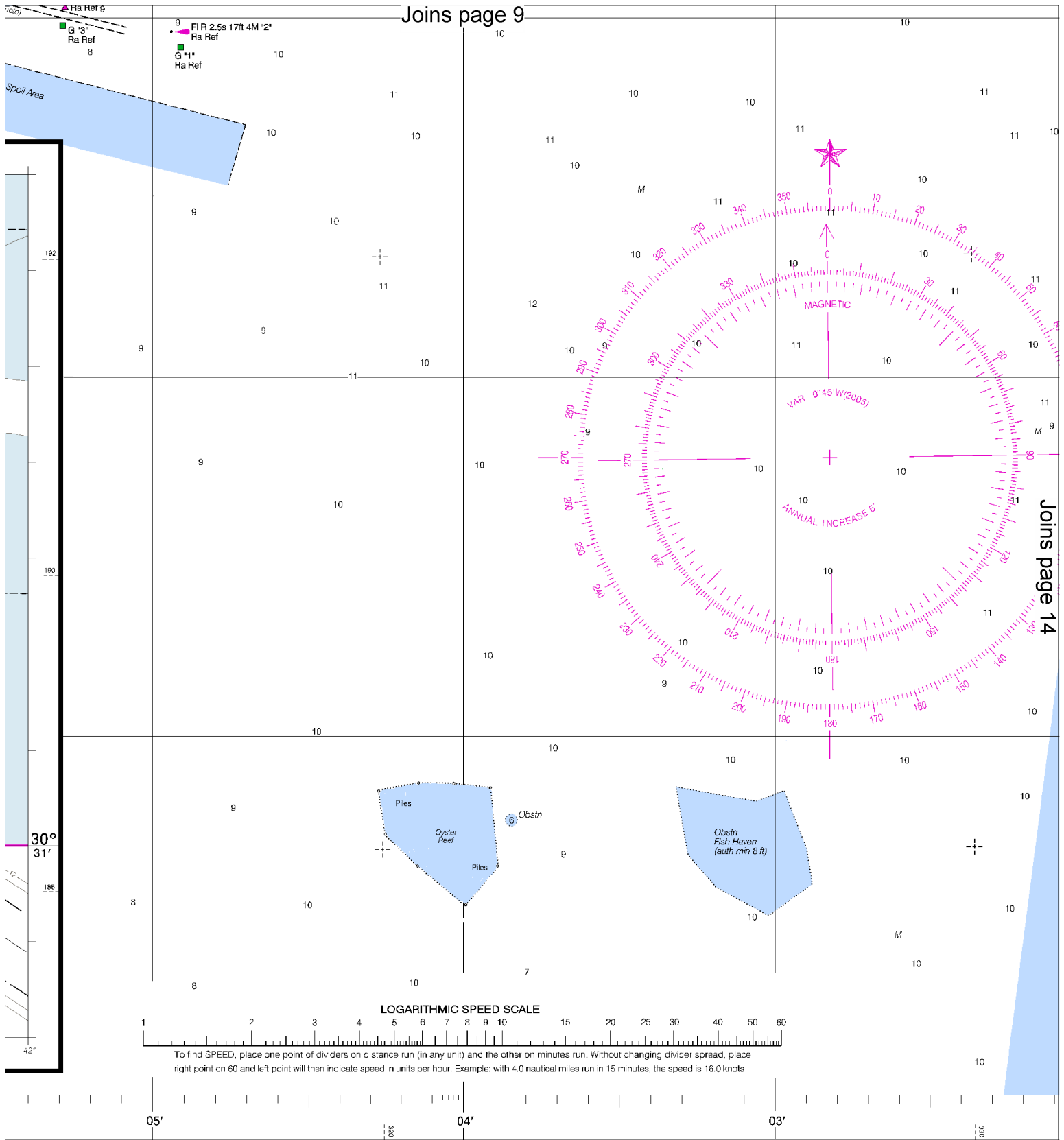


Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.





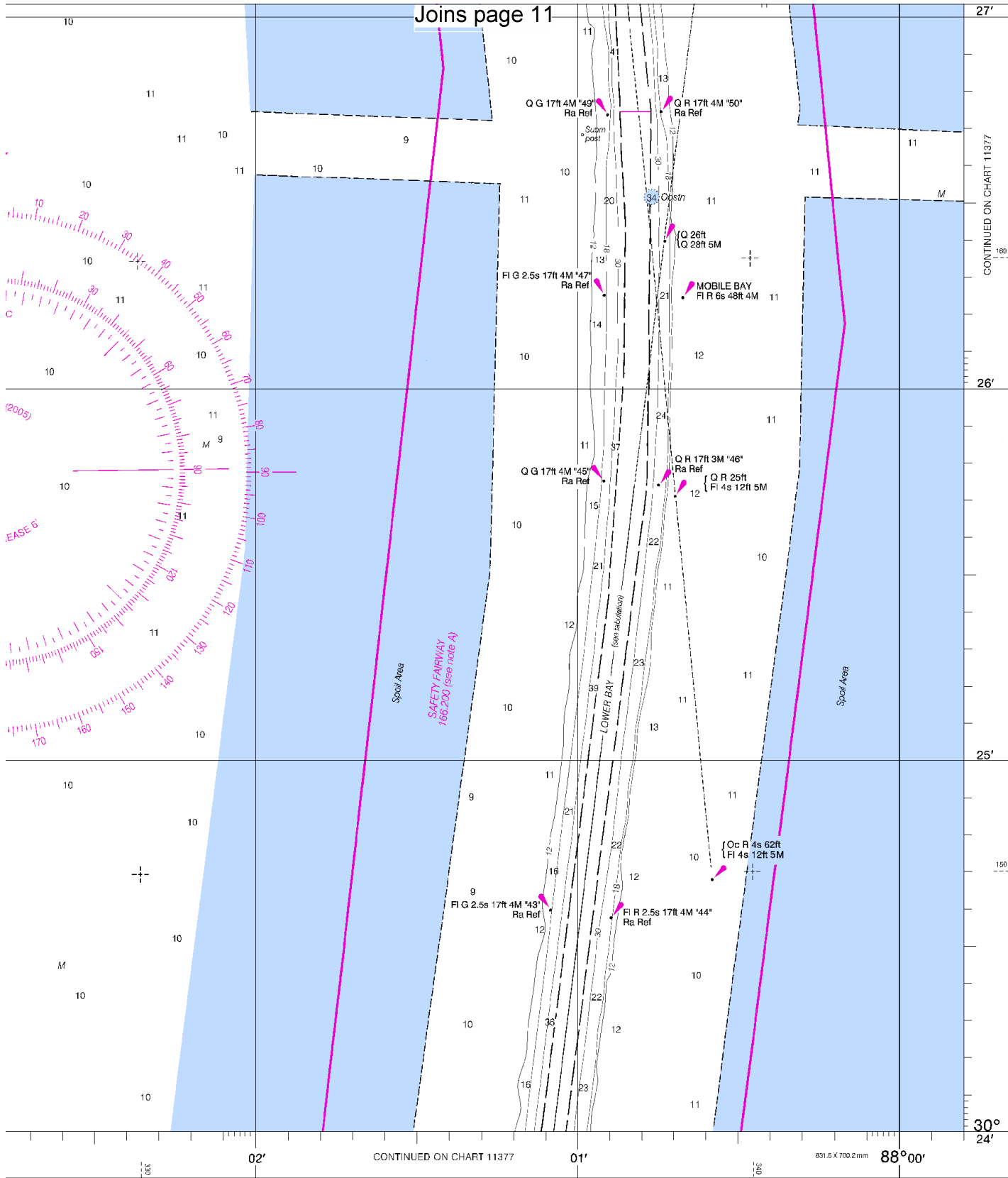
Joins page 14

ON-DEMAND CHARTS
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Published at Washington, D.C.
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL OCEAN SERVICE
 COAST SURVEY

SOUNDING

Joins page 11



SOUNDINGS IN FEET

East Fowl River To Deer River Pt
SOUNDINGS IN FEET - SCALE 1:20,000

11380

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.

Coast Guard Group Mobile – 251-441-6211

Coast Guard Dauphin Island – 251-861-7239

Mobile Sheriff's Office – 251-574-8633

Alabama Marine Police – 251-981-2673

Alabama Marine Resources – 251-861-2882

Coast Guard Atlantic Area Cmd – 757-398-6390

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENC[®]) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNC[™]) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts[™] – BookletCharts[™] are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts[™] – PocketCharts[™] are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot[®] – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to <http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm>.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.